Form PTO-1449	Attorney Docket No. **061607-1500**	Serial No. **To Be Assigned**
INFORMATION DISCLOSURE CITATION	Applicant **William L. Betts and Kenneth D. Ko**	
(Use several sheets if necessary)	Filing Date **Even Date Herewith**	Group **To Be Assigned**

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
I.W	A	5,103,227	04/07/92	Betts	341	61	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

I.W	B	ITU-Telecommunication Standardization Sector, G.shdsl: Draft Recommendation for (G.991.2) G.shdsl, Fiji Island, 31 January - 04 February, 2000; pages 1-149.
I.W	C	ITU- Telecommunication Standardization Sector, G.991.2 (ex G.shdsl): Fractional bit mapping, No. D.727(WP1/15), Geneva, 3-14 April, 2000; 5 pages
I.W	D	ITU-Telecommunications Standardization Sector, G.shdsl: Performance of Generalized and Fractional PAM Mappings, Antwerp, Belgium 19-23, June 2000, pages 1-6.

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Form PTO-1449	Attorney Docket No. 061607-1500	Serial No. To Be Assigned
INFORMATION DISCLOSURE CITATION	Applicant **William L. Betts and Kenneth D. Ko**	
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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

T.W	E	U.S. Utility Application entitled Fractional Bit Rate Encoding in a Discrete Multi-Tone Communication System; Unofficial Serial No. (from Postcard) 09/717,436; Inventor: William L. Betts; filed November 20, 2000.	

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